

XX.—*Description of a new species of Carinaria, a genus of Nucleobranchiate Mollusks.* By Mr. LOVELL REEVE, A.L.S.

[With a Plate.]

To the Editors of the *Annals of Natural History.*

GENTLEMEN,

IN the course of a recent journey through Holland, I was fortunate enough to become the purchaser of a valuable collection of shells that had been formed with considerable taste by the late Dutch Governor, General Ryder, stationed at the Mollucas. Amongst several of extreme rarity and beauty was a fine glassy Nautilus, which I at first took to be the celebrated *Carinaria vitrea* of the Paris Museum\*, and of which a model in wax has been exhibited in the British Museum for many years. But it was destined to be yet more precious, for on referring to Lamarck's description of that species, as well as to the figure in Martini's 'Conchology,' I found it to be perfectly distinct. As I am unable to identify this species with any of those since described by Rang, D'Orbigny, or Benson, I forward you the following specific characters, accompanied with drawings on copper, for publication in the 'Annals.'

On account of the elegant slender form which characterizes this shell, I propose to call it the

CARINARIA GRACILIS. Car. testâ hyalinâ, iridescenti, gracili, lateribus elongato-compressâ, transversim rugosâ, rugis ad carinam dorsalem obliquè terminantibus; carinâ rectâ, sublatâ, margine simplici, integro; vertice minimo, compresso, ad dextram involuto; aperturâ oblongo-ovatâ, versus carinam angustiori.

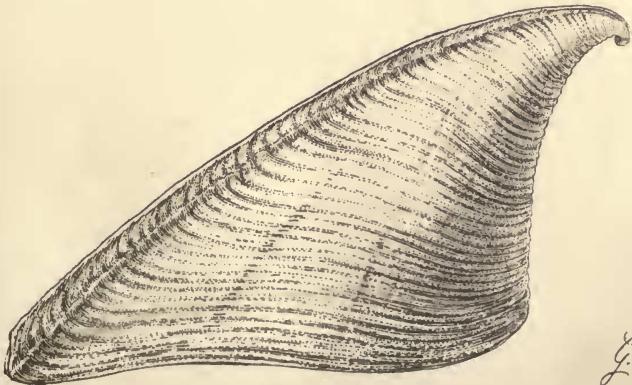
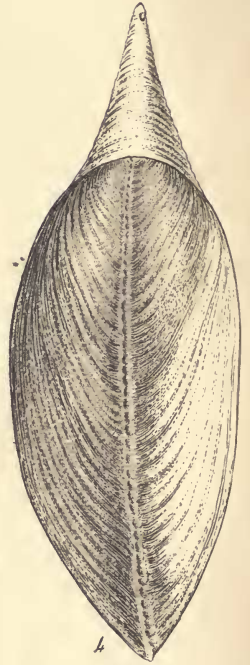
Long.  $3\frac{5}{12}$ ; lat.  $1\frac{1}{6}$ ; alt. 2 poll.

Hab. — ? Mus. Stainforth.

The *Carinaria gracilis* differs materially from the *Carinaria vitrea*: first, in general form, being higher and much more slender and compressed at the sides; the keel, extending from the vertex to the margin of the aperture, is accordingly of greater length; secondly, in the vertex being still more minute, more compressed, and more closely rolled inwards; and thirdly, the most marked difference, in the width and simple straight edge of the keel, which in the *Carinaria vitrea* is dentated.

I am unable to give the true habitat of this species, though,

\* Mr. Gray appears to have fallen into the same error as myself; for in his zeal to communicate the circumstance of my having brought this very rare shell to England, he notices it in this work, vol. vi. p. 239, as the *Carinaria vitrea*, Lamarck.



*G. B. S. f. 11*